AR M 550U AR M 620U AR M 700U

SHARP

accomplish more—in dramatically less time with high-performance features and flexible finishing options

scan²
Empowered with Scan² Technology

Innovative features

- Innovative, Scan² Technology scans both sides of a 2-sided document in one pass—minimizing paper misfeeds, and maximizing productivity
- Standard document filing capability can store approximately 10,000 pages
- Fast 65 images per minute (ipm) scan speed simplex—and an incredibly fast 76 ipm duplex
- Ability to copy onto tabbed paper

Versatile paper handling

- 55/62/70 ppm copy speed
- 150-sheet Duplex Single Pass Feeder
- 3,100-sheet standard paper capacity, expandable to 6,600 sheets with the Large Capacity Paper Deck option
- Duplex copying on up to 110# index from three different trays enables you to produce a variety of documents in house
- Job Build feature allows large jobs to be stored in memory temporarily, and then copied as a continuous set

High-quality copying

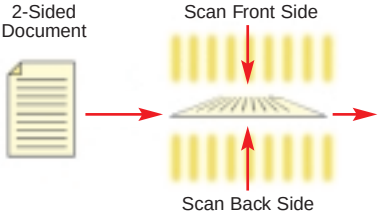
- Scan-Once, Print-Many technology
- 600 dpi resolution for razor-sharp text and graphics
- Various image editing functions: Margin Shift, Edge/Center Erase, Dual Page Copy, and Multi-shot

Flexible finishing options

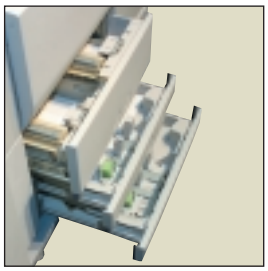
- Optional Saddle-Stitch Finisher offers a 50-sheet stapling capacity, 3-position stapling, and center folding
- Optional Post-Sheet Inserter allows for the insertion of pre-printed covers and tabs for truly professional results
- Improved document handling with the ability to automatically copy and staple different sized originals

Seamless upgrade path

- Easy migration path from U to N version with addition of optional Printer Expansion Kit (AR-P19)
- Optional Facsimile Expansion Kit with PC-fax driver for integrated faxing



Scan² Technology scans both sides of a document simultaneously, minimizing paper misfeeds dramatically.



Large 3,100-sheet standard paper capacity

A choice of optional finishers enables users to easily produce a variety of documents internally—reducing the need to outsource.

The user-friendly graphical interface on the control panel makes it easy to select and program various features.

Digital IMAGER™
Advanced Workgroup System

AR-M550U AR-M620U AR-M700U specifications

Main Copier Specifications

Type:	Console
Print System:	System (laser)
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Copy Size:	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
Exposure System:	OPC
Developer System:	Dry-type two-component magnetic brush development
Paper Feed System:	4 trays and bypass tray
Fusing System:	Heat roller
Resolution:	Scan: 600 x 600 dpi Output: 600 x 600 dpi
Gradations:	Scan: 256 levels Printing: 2 levels
Originals:	Sheets, bound documents
Copy Paper:	Plain paper and special papers
Copy Sizes:	Max. 11" x 17", min. 5 1/2" x 8 1/2"R, Postcard Image loss: Max. 11/64" (leading edge and trailing edge in total), max. 11/64" (along all other edges in total)
Warm-Up Time:	120 seconds or less
First-Copy Time:	3.9 seconds or less (when A4 size paper is fed horizontally from tray 1)
Copy Ratio:	Variable 25 to 400% in 1% increments
	Fixed Presets: 25%, 64%, 77%, 100%, 121%, 129%, 200%, 400%
Continuous Copy:	999 copies
Hard Drive Capacity:	40 GB (stores approximately 60,000 pages)
Expansion DIMM Slot:	1 slot (64 MB, 128 MB or 256 MB can be installed)
Dimensions:	28 43/64" (W) x 26 47/64" (D) x 46 15/16" (H) When bypass tray is extended: 49 47/64" (W) x 26 47/64" (D) x 46 15/16" (H)
Weight:	AR-M550U, AR-M550N, AR-M620U, AR-M620N: Approx. 408 lbs.
Overall Dimensions:	49 49/64" (W) x 26 47/64" (D)
Required Power Supply:	AC 120V, 60Hz, 16A
Power Consumption:	1.8 KW

Optional Facsimile Expansion Kit Specifications (AR-FX8)

Applicable Telephone Line:	Public switched telephone network
Compression Method:	MH, MR, MMR, JBIG
Transmission Modes:	Super G3, G3 (the machine can only send faxes to and receive faxes from machines that support G3 or Super G3)
Scanning Method:	CCD flatbed scanning
Scanning Resolution:	(Supports ITU-T standards) 8 x 3.85 lines/mm (Standard) 8 x 7.7 lines/mm (Fine, Fine-Halftone) 8 x 15.4 lines/mm (Super Fine, Super Fine - Halftone) 16 x 15.4 lines/mm (Ultra Fine, Ultra Fine - Halftone)
Printing Method:	Electrophotographic system (laser)
Transmission Speed:	33.6 kbps 2.4 kbps automatic fallback
Transmission Time:[1]	2 seconds (Super G3 mode / 33.6 kbps, JBIG), 6 seconds (G3 ECM mode / 14.4 kbps, MMR)
Paper Sizes:	11" x 17" to 5 1/2" x 8 1/2"
Effective Print Width:	11.5" max. (11" x 17" printing)
Input Document Size:	11" x 17" to 5 1/2" x 8 1/2" (5 1/2" x 8 1/2": Vertically-oriented feeding); Maximum length: 31 1/2" (using Automatic document feeder)
Effective Scanning Width:	11.7" maximum
Halftone Transmission:	Yes (256 levels)
Contrast Adjustment:	Automatic (5 levels by manual adjustment)
Extension Telephone:	Connection Possible (1 telephone)
Auto-Dialing:	Combined total of 999 one-touch and group keys, redialing (automatic)
Timer Transmission:	Yes
Program Function:	Yes (8 programs)
F-Code Support:	Yes (can transmit and receive SUB/SEP (sub-address) and SID/PWD (passcode) signals)
Automatic Document Feeding:	Yes (maximum of 150 sheets of 21 lbs. paper, or total stack thickness of 25/32" or less)
Image Memory:	2 MB[2]
Error Correction Mode:	(ECM) Yes

[1] *Transmission speed is for an 8 1/2" x 11" document with approximately 700 characters at standard resolution (8 x 3.85 lines/mm) sent in high speed mode (33.6 kbps (JBIG) or 14.4 kbps (MMR). This is only the time required to transmit the image information; the time required to send protocol signals is not included. Actual transmission times will vary depending on the contents of the document, the receiving machine type, and telephone line conditions.*

[2] *Image memory can be expanded by installing the optional Fax Expansion Memory (AR-MM19).*

Optional Large Capacity Tray Specifications

Paper Size:	8 1/2" x 11" (the paper size can only be changed by a service technician)
Paper Weight:	16 to 28 lbs.
Paper Capacity:	(plain) 3,500 sheets 20 lbs.
Dimensions:	14 23/32" (W) x 21 31/64" (D) x 20 3/8" (H)
Power Supply:	Supplied from the main unit
Weight:	Approximately 63 lbs.

Optional Punch Unit (AR-PN4B)

Hole Punching:	2 or 3 holes
Page Weight:	16 to 140 lb. index

Optional Two-Tray Finisher Specifications (AR-F15)

Number of Trays:	2
Paper Output:	Face down output
Paper Capacity:	Upper paper tray/Middle paper tray: **Non-stapling:** 2,000 sheets of paper: 8 1/2" x 11", 5 1/2" x 8 1/2"R, 20 lbs. 1,000 sheets of paper: Sizes other than the above **Stapling:** 100 sets or 750 pages of 8 1/2" x 11" paper; 100 sets or 500 pages of other sizes of paper
Paper Size:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"R, 7 1/4" x 10 1/2"R, 5 1/2" x 8 1/2"R
Page Weight:	Upper paper tray/Middle paper tray: 16 to 68 lbs.
Allowed Paper Sizes for Stapling:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"R
Maximum Number of Sheets for Stapling:	Top left corner stapling: Portrait 50 sheets; Landscape 30 sheets Lower left corner stapling: Portrait 50 sheets; Landscape 30 sheets Center left stapling: Portrait 50 sheets; Landscape 30 sheets
Stapling Positions:	1 place at back, 1 place at front, one place at front (diagonal), 2 places
Dimensions:	32 1/64" (W) x 24 13/16" (D) x 45 9/32" (H)
Weight :	Approx. 113 lbs.

Optional Saddle-Stitch Finisher Specifications (AR-F16)

Number of Trays:	3
Paper Output:	Face down output
Paper Capacity:	Upper paper tray/Middle paper tray: **Non-stapling:** 2,000 sheets of paper: 8 1/2" x 11", 5 1/2" x 8 1/2"R 20 lbs. 1,000 sheets of paper: Sizes other than the above **Stapling:** 100 sets or 750 pages of 8 1/2" x 11" paper 100 sets or 500 pages of other sizes of paper Lower tray: Stapled print capacity is11–15 sheets x 10 sets, 6 –10 sheets x 20 sets, 1–10 sheets x 25 sets
Paper Size:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"R, 7-1/4" x 10 1/2"R, 5 1/2" x 8 1/2"R Lower tray: 11" x 17", 8 1/2" x 11"R
Allowed Paper Sizes for Stapling:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 1", 8 1/2" x 11"R Lower tray: 11" x 17", 8 1/2" x 11"R
Maximum Number of Sheets for Stapling:	Top left corner stapling: Portrait 50 sheets; Landscape 30 sheets Lower left corner stapling: Portrait 50 sheets; Landscape 30 sheets Center left stapling: Portrait 50 sheets; Landscape 30 sheets Saddle-stitch: Landscape only 15 sheets
Stapling Positions:	1 place at back, 1 place at front, one place at front (diagonal), 2 places
Dimensions:	32 1/64" (W) x 24 13/16" (D) x 45 9/32" (H)
Weight :	Approx. 157 lbs.

Design and specifications subject to change without notice.

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